184394-1 ✓ ACTIVE

AMP | Sealed Sensor Connector SSC System

TE Internal #: 184394-1

Housing for Female Terminals, Wire-to-Device / Wire-to-Board / Wire-to-Wire, 4 Position, .197 in [5 mm] Centerline, Sealed Sensor Connector SSC System

View on TE.com >

Connector & Housing Type: **Housing for Female Terminals**

Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**

Number of Positions: **4**

Centerline (Pitch): **5 mm [.197 in]**

Sealable: **Yes**

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	125 VAC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V

Body Features

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Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Black
Connector Code	A

Contact Features

Contact Size	1.8mm

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	5 mm[.197 in]

Dimensions

Product Width	30.6 mm[1.205 in]
Product Length	23.2 mm[.91 in]
Product Height	27.6 mm[1.09 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	1000
Packaging Method	Package

Other

Serviceable	Yes
Connector Position Assurance Capable	No

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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

TE Part # 184141-1 WIRE SEAL,RUBBER,SENSOR,PURPLE, LIM	TE Part # 184140-1 WIRE SEAL,RUBBER,SENSOR, ORANGE	TE Part # 184344-1 2X2 PLG ASY KEY A C3	TE Part # 184030-3 RECPT, CONTACT 070, PTPPHBZ

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TE Part # 184030-1
RECPT, CONTACT 070, AUPHBZ

TE Part # 184392-1
2X2 PLG ASY, KEY A, W/O CPA C3

TE Part # 184346-1
2X2 CAP ASY KEY A C3

TE Part # 184095-1
RECPT, CONTACT .070, AUPHBZ

TE Part # 184095-2
RECPT, CONTACT .070, PTPPHBZ

TE Part # 184139-1
WIRE SEAL,RUBBER,SENSOR,BLUE

TE Part # 184373-2
CONTACT, RECEPTACLE, .070 TYPE

TE Part # 184250-1
4P,2X2 PLUG ASSY W/O SLOT,KEYB

TE Part # 184252-1
2X2 PLG ASY KEY B W/RET C4

TE Part # 184284-1
4P,2X2 PLUG ASSY W/O SLOT,KEYB

TE Part # 184299-1
2X2 PLG ASY KEY D W/RET C4

TE Part # 184301-1
2X2 PLG ASY KEY C C4

TE Part # 184307-1
2X2 CAP ASY KEY D C4

TE Part # 184324-2
2X2 PLG ASY KEY G C4 GRAY

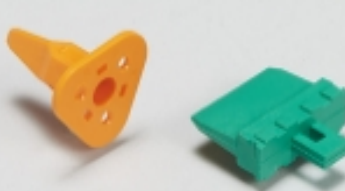TE Part # 184326-2
2X2 PLG ASY KEY H C4 GRAY

TE Part # 184332-2
2X2 CAP ASY KEY G C4 GRAY

Also in the Series | Sealed Sensor Connector SSC System

Automotive Connector Caps & Covers (7)
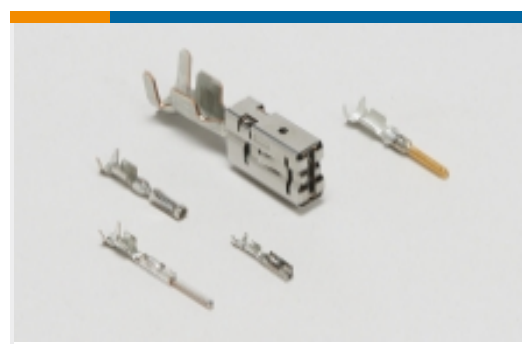
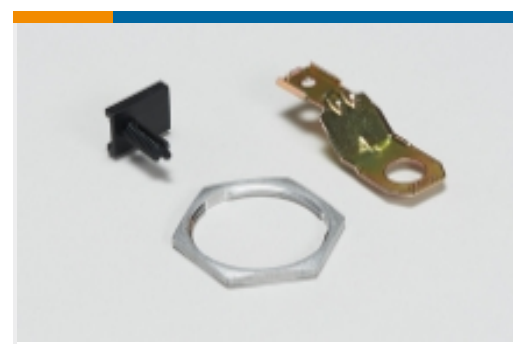Automotive Connector Locks & Position Assurance(6)

Automotive Housings(178)

Automotive Seals & Cavity Plugs(3)

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Automotive Terminals(8)

Insertion & Extraction Tools(1)

Other Automotive Connector Accessories(7)
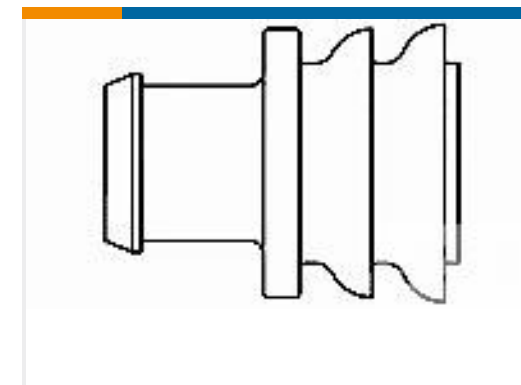
Customers Also Bought

TE Part #DT04-2P
DEUTSCH DT Series Housings & Connectors

TE Part #W2S
DEUTSCH DT WEDGELOCKS

TE Part #282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

TE Part #281934-2
SINGLE WIRE SEAL

TE Part #0460-202-16141
DEUTSCH SOLID CONTACTS

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

2X2 PLG ASY W/RET W/O CPA C3-A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_184394-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_184394-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_184394-1_A.3d_stp.zip

English

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Datasheets & Catalog Pages

Sealed Sensor Connector (SSC) System

English

Product Specifications

Application Specification

English